### PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION SE-F064-PCT0 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/JP2005/015725 30.08.2005 01.09.2004 International Patent Classification (IPC) or both national classification and IPC Applicant SEIKO EPSON CORPORATION This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Date of completion of this opinion Authorized officer Name and mailing address of the ISA/JP Telephone No. Facsimile No.

International application No.
PCT/JP2005/015725

Ro-	No. I	Basis of this opinion	
1.	With	h regard to the language, this opinion has been established on the basis of:	
		the international application in the language in which it was filed	
	Ш	the translation of the international application into	, which is the language of a
		translation furnished for the purposes of international search (Rule 12.3(a) and 23.1(b)).	
2.		h regard to any nucleotide and/or amino acid sequence disclosed in the internationa ention, this opinion has been established on the basis of:	1 application and necessary to the claimed
	a.	type of material	•
		a sequence listing	
		table(s) related to the sequence listing	
	b.	format of material	
		on paper	
		in electronic form	
	c.	time of filing/furnishing	
		contained in the international application as filed	
		filed together with the international application in electronic form	•
		furnished subsequently to this Authority for the purposes of search	
3.		In addition, in the case that more than one version or copy of a sequence listing and/furnished, the required statements that the information in the subsequent or additional confiled or does not go beyond the application as filed, as appropriate, were furnished.	
4.	Add	ditional comments:	
			•
			•

International application No.
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Box No. V		Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1.	Statement				
	Novelty (	N)	Claims	1-13	YES
			Claims		NO
	Inventive	step (IS)	Claims	·	YES
			Claims	1-13	NO
	Industrial	applicability (IA)	Claims	1-13	YES
			Claims		NO

#### 2. Citations and explanations:

Document 1: JP, 2004-170955, A (Canon Inc.), 17 June, 2004 (17.06.04)

Document 2: JP, 2001-183878, A (Canon Inc.), 6 July, 2001 (06.07.01)

Document 3: JP, 62-59978, A (Canon Inc.), 16 March, 1987 (16.03.87)

Document 4: JP, 2003-330235, A (Seiko Epson Corp.), 19 November, 2003 (19.11.03)

Document 5: JP, 10-186770, A (Canon Inc.), 14 July, 1998 (14.07.98)

Document 6: JP, 2002-236405, A (Seiko Epson Corp.), 23 August, 2002 (23.08.02)

For the subject matters of claims 1-4, 10, 11 and 13, document 1 describes a control means that executes adjustment operations to adjust charge conditions and development conditions based on the cumulative quantity of operation of a latent-image carrier as the timing information, and document 2 describes a control means that executes adjustment operations to adjust charge conditions based on changes in the charge characteristic of a latent-image carrier, then to create patch images, and then to adjust development conditions based on the detected toner concentration. A person skilled in the art could have easily created a control means that executes adjustment operations to adjust charge conditions based on the timing information described in document 1, then to produce patch images, and then to adjust development conditions based on the detected toner concentration.

Adjusting a charge means to abut a latent-image carrier, and a charge bias, is described in document 1.

For claims 5 and 8, document 3 mentions that charge currents are adjusted based on information concerning the life of a charge means. A person skilled in the art could have easily used information concerning the life of a charge means as the timing information as in document 1.

For claims 6, 7, 9 and 12, document 4 mentions that adjustment operations are executed based on information different from that concerning the charge characteristic of a latent-image carrier, and so a person skilled in the art could have easily created a control means to execute adjustment operations based on a plurality of timing information pieces. In addition, as described in documents 5 and 6, executing a plurality of adjustment operations by preparing simplified adjustments was well known.

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International application No.
PCT/JP2005/015725

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3.	Ц	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application filed or does not go beyond the application as filed, as appropriate, were furnished.	
4.	Add	tional comments:	
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International application No.
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Box			lle 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; poorting such statement	
1.	Statement			
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		Claims		NO
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		Claims	1-13	NO
	Industrial applicability (IA)	Claims	1-13	YES
	•	Claims		NO

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